

### **REMARKS**

The claims have been amended. Non-elected claims 1-13 have been cancelled. Claims 30-44 have been added. No new matter has been added to the application.

Applicant affirms election of group II claims 14-28.

The specification was objected to. The specification has been amended to overcome this rejection. Support for the amendments to the specification can be found in the claims in the application as filed.

Claim 26 was objected to. Applicant respectfully traverses this objection.

As noted in the papers which were filed with the patent application, applicants have synthesized alloys of platinum and iron and cobalt which are magnetic.

Applicants note the double patenting discussion, but respectfully submit that claims 15 and 26 are not substantial duplicates.

Claims 14-28 were rejected under 35 U.S.C. § 112, second paragraph. Applicants respectfully traverse this rejection.

Applicants respectfully submit that those skilled in the art would understand after reading the specification that "thin" in claim 14 would mean a thickness of, for example, on the order of a few nanometers when the diamagnetic core is on the order of 10 nanometers in diameter, as all the claims relate to nanocomposites. Nonetheless, the term "thin" has been removed from claim 14 and added in claims dependent on each of the remaining claims.

Regarding claim 26, magnetic platinum alloys are discussed above.

Applicant respectfully submits that the application is in condition for allowance. A Notice of Allowance is hereby respectfully requested.

Should the Examiner feel that a telephone conference would advance the prosecution of this application, he is encouraged to contact the undersigned at the telephone number listed

below.

Applicant respectfully petitions the Commissioner for any extension of time necessary to render this paper timely.

Please charge any fees due or credit any overpayment to Deposit Account No. 50-0694.

Respectfully submitted,

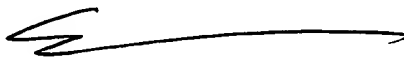


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 16, 2003.



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